

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	1	("5137381").PN.	USPAT; USOCR	OR	OFF	2007/11/15 15:59
S2	1	de-4020015-\$.did.	DERWENT	OR	OFF	2007/11/15 16:01
S3	1	de-19724323-\$.did.	DERWENT	OR	OFF	2007/11/15 16:02
S4	1	de-4237972-\$.did.	DERWENT	OR	OFF	2007/11/15 16:02
S5	1237	(415/175).OQLS.	USPAT; USOCR	OR	OFF	2007/11/16 07:55
S6	10	(vacuum same pump) and cooling and ring and radial\$	DERWENT	OR	OFF	2007/11/16 15:17
S7	14	(vacuum same pump) and cool\$ and ring and radial\$	DERWENT	OR	OFF	2007/11/19 08:18
S8	1378	ring and cool\$ and pump	DERWENT	OR	OFF	2007/11/19 08:26
S9	200	ring and cool\$ and pump and vacuum	DERWENT	OR	OFF	2007/11/19 08:27
S10	5057	ring and radial and outer and circle and perimeter	US-PGPUB; USPAT; DERWENT	OR	ON	2007/11/19 09:21
S11	6403	cool and cooler and coolant and cooling and (heat near exchange\$3)	US-PGPUB; USPAT; DERWENT	OR	ON	2007/11/19 09:23
S12	143	modular and stackable and plural and plurality and plurals	US-PGPUB; USPAT; DERWENT	OR	ON	2007/11/19 09:24
S13	0	S9 and S10 and S11 and S12	US-PGPUB; USPAT; DERWENT	OR	ON	2007/11/19 09:26
S14	0	S9 and S10 and S11	US-PGPUB; USPAT; DERWENT	OR	ON	2007/11/19 09:26
S15	0	S10 and S11 and S12	US-PGPUB; USPAT; DERWENT	OR	ON	2007/11/19 09:27
S16	269	S10 and S11	US-PGPUB; USPAT; DERWENT	OR	ON	2007/11/19 09:27
S17	458	S10 and (heat adj transfer) and (heat adj exchange)	US-PGPUB; USPAT; DERWENT	OR	ON	2007/11/19 09:39

S18	174127	S10 and (heat adj transfer) or (heat adj exchange)	US-PGPUB; USPAT; DERWENT	OR	ON	2007/11/19 09:40
S19	0	S10 and (heat adj transfer) and (heat adj exchange)	DERWENT	OR	ON	2007/11/19 09:49
S20	99269	S10 and (heat adj transfer) or (heat adj exchange)	DERWENT	OR	ON	2007/11/19 09:49
S21	0	wo-0143959-\$.did.	DERWENT	OR	OFF	2007/11/19 13:21
S22	0	wo-01043959-\$.did.	DERWENT	OR	OFF	2007/11/19 13:24
S23	0	wo-2001043959-\$.did.	DERWENT	OR	OFF	2007/11/19 13:24
S24	0	wo-2001043959-a1.did.	DERWENT	OR	OFF	2007/11/19 13:24
S25	0	wo0143959	US-PGPUB; USPAT; USOCR; DERWENT	OR	OFF	2007/11/19 13:25
S26	117	"43959"	US-PGPUB; USPAT; USOCR; DERWENT	OR	OFF	2007/11/19 13:25
S27	4	"43959".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/11/19 13:26
S28	0	("SU-1312263-A1.did.").PN.	DERWENT	OR	OFF	2007/11/19 13:40
S29	0	SU-1312263-A1.did.	DERWENT	OR	OFF	2007/11/19 13:40
S30	0	SU-01312263-A1.did.	DERWENT	OR	OFF	2007/11/19 13:43
S31	0	de-3418928-a1.did..did.	DERWENT	OR	OFF	2007/11/19 13:50
S32	0	de-3418928-a1.did.	DERWENT	OR	OFF	2007/11/19 13:50
S33	1	su-769081-\$.did.	DERWENT	OR	OFF	2007/11/19 13:52
S34	93598	vacuum and pump and cool\$	US-PGPUB; USPAT	OR	OFF	2007/11/19 14:06
S35	6403	cool and cooler and coolant and cooling and (heat near exchang\$3)	US-PGPUB; USPAT; DERWENT	OR	ON	2007/11/19 14:06
S36	1318	vacuum and pump and S35	US-PGPUB; USPAT	OR	OFF	2007/11/19 14:06
S37	1237	(415/175).OQLS.	USPAT; USOCR	OR	OFF	2007/11/19 14:08

S38	1318	S36 not S37	US-PGPUB; USPAT	OR	OFF	2007/11/19 14:08
S39	200	ring and cool\$ and pump and vacuum	DERWENT	OR	OFF	2007/11/19 14:08
S40	1318	S36 not S39	US-PGPUB; USPAT	OR	OFF	2007/11/19 14:08
S41	361	vacuum adj pump and S35	US-PGPUB; USPAT	OR	OFF	2007/11/19 14:10
S42	645	(415/177).CQL.S.	USPAT; USOCR	OR	OFF	2007/11/19 14:21
S43	268	415/177 and fluid	USPAT	OR	OFF	2007/11/19 14:24
S44	107	S42 and fluid	USPAT	OR	OFF	2007/11/19 14:24
S45	132402	annular and cylind\$ and circular	USPAT	OR	OFF	2007/11/19 14:45
S46	10326	void and space and chamber	USPAT	OR	OFF	2007/11/19 14:46
S47	114	S35 and S45 and S46	USPAT	OR	OFF	2007/11/19 14:46
S48	5057	ring and radial and outer and circle and perimeter	US-PGPUB; USPAT; DERWENT	OR	ON	2007/11/19 14:55
S49	0	S48 and S35 and (vacuum adj pump)	DERWENT	OR	OFF	2007/11/19 14:55
S50	0	S48 and S35	DERWENT	OR	OFF	2007/11/19 14:57
S51	15	cool and cooling and coolant and cooler and heat and exchange and transfer	DERWENT	OR	OFF	2007/11/19 14:58
S52	0	ring and circle and annular and circumference and circumferential and circumvent	DERWENT	OR	OFF	2007/11/19 14:59
S53	718901	ring	DERWENT	OR	OFF	2007/11/19 15:00
S54	2075997	cool or cooling or coolant or cooler or heat or exchange or transfer	DERWENT	OR	OFF	2007/11/19 15:00
S55	1049885	ring or circle or annular or circumference or circumferential or circumvent	DERWENT	OR	OFF	2007/11/19 15:01
S56	131299	S54 and S55	DERWENT	OR	OFF	2007/11/19 15:01

S57	3844	S56 and vacuum	DERWENT	OR	OFF	2007/11/19 15:01
S58	607	S57 and pump	DERWENT	OR	OFF	2007/11/19 15:02
S59	1	("11315794").PN.	JPO	OR	OFF	2007/11/19 15:17
S60	1	"11315794"	JPO	OR	OFF	2007/11/20 06:36
S61	1121	(415/143).CQLS.	USPAT; USOCR	OR	OFF	2007/11/20 10:18
S65	738	(417/423.14).CQLS.	USPAT; USOCR	OR	OFF	2007/11/21 08:01
S66	145	(417/423.4).CQLS.	USPAT; USOCR	OR	OFF	2007/11/21 08:01
S67	472	(415/176).CQLS.	USPAT; USOCR	OR	OFF	2007/11/26 08:01
S68	889	(415/178).CQLS.	USPAT; USOCR	OR	OFF	2007/11/26 09:42
S69	830	(415/90).CQLS.	USPAT; USOCR	OR	OFF	2007/11/26 11:02
S70	2	de-4237972-\$.did.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/11/27 14:37
S71	14	"1447567"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2008/03/10 14:02
S72	41553	cool and cooling and coolant	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2008/03/11 13:19
S73	2249669	ring	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2008/03/11 13:20
S74	11832	S72 and S73	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2008/03/11 13:20
S75	1251627	pump	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2008/03/11 13:20
S76	6109	S74 and S75	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2008/03/11 13:20

S77	641769	bore	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2008/03/11 13:20
S78	1815	S76 and S77	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2008/03/11 13:20
S79	3055019	parallel	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2008/03/11 13:21
S80	1168	S78 and S79	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2008/03/11 13:21
S81	4	(cool and cooling and coolant) near ring	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2008/03/11 13:24
S82	3583	(cool or cooling or coolant) near ring	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2008/03/11 13:25
S83	554	S82 and S75	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2008/03/11 13:25
S84	65	("20020123852"   "20020129662"   "20020194932"   "20030136186"   "20030154036"   "20040168522"   "20040168523"   "20040199341"   "20040210404"   "20040226386"   "20040231431"   "20040255695"   "20050011284"   "20050050956"   "4048853"   "4080837"   "4090404"   "4248085"   "4445389"   "4546459"   "4653036"   "4810913"   "4883271"   "4896540"   "5040415"   "5083452"   "5192051"   "5209125"   "5218197"   "5285675"   "5357486"   "5367911"	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/11 13:27

		"5398542"   "5524475"   "5526844"   "5550791"   "5591922"   "5741980"   "5770805"   "5770806"   "5835884"   "5845033"   "5948959"   "6151958"   "6202494"   "6354147"   "6378357"   "6435030"   "6450037"   "6463813"   "6536291"   "6550342"   "6584708"   "6587798"   "6601458"   "6609069"   "6691584"   "6732575"   "6782150"   "6813962"   "6837098"   "6868737"   "6889562"   "6898541"   "7032432").PN. OR ("7322251").URPN.				
S85	27	("2987767"   "3167814"   "3307218"   "3507006"   "3551540"   "3568252"   "3775523"   "3819790").PN. OR ("3976732").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/11 13:47
S86	5	(5720174 6679677  RE36610).pn.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2008/03/11 15:46
S87	2468	suction and side and temper\$3	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2008/03/11 15:56
S88	1247	S87 and vacuum	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2008/03/11 15:56
S89	629	S88 and pump	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2008/03/11 15:57
S90	243	S87 and (vacuum near pump)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2008/03/11 16:57
S91	4	("4770609"   "5356275"   "5816782"   "6471497").PN. OR ("6776586").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/11 17:02

S92	15	("3565410"   "3620513"   "4094631"   "4516012"   "4648377"   "4722683"   "4789333"   "4836776"   "4867132"   "4867808"   "4906182"   "4963091"   "5074782"   "5267257").PN. OR ("5550858").URPN.	US-PGPUB; USPAT; USOOR	OR	ON	2008/03/12 06:55
S93	26	("3091445"   "3620513"   "3905760"   "4094631"   "4395233"   "4648377"   "4722683"   "4789333"   "4813398"   "4836776"   "4854863"   "4867132").PN. OR ("4963091").URPN.	US-PGPUB; USPAT; USOOR	OR	ON	2008/03/12 06:58
S94	1239	(415/175).CQLS.	USPAT; USOOR	OR	OFF	2008/03/12 07:24
S95	1121	(415/143).CQLS.	USPAT; USOOR	OR	OFF	2008/03/12 07:26
S96	645	(415/177).CQLS.	USPAT; USOOR	OR	OFF	2008/03/12 07:27
S97	0	(417/123.14).CQLS.	USPAT; USOOR	OR	OFF	2008/03/12 07:27
S98	744	(417/423.14).CQLS.	USPAT; USOOR	OR	OFF	2008/03/12 07:28
S99	146	(417/423.4).CQLS.	USPAT; USOOR	OR	OFF	2008/03/12 07:30
S100	474	(415/176).CQLS.	USPAT; USOOR	OR	OFF	2008/03/12 07:31
S101	890	(415/178).CQLS.	USPAT; USOOR	OR	OFF	2008/03/12 07:32
S102	834	(415/90).CQLS.	USPAT; USOOR	OR	OFF	2008/03/12 07:32
S103	1	("7231781").PN.	USPAT; USOOR	OR	OFF	2008/03/12 07:34
S104	1239	(415/175).CQLS.	USPAT; USOOR	OR	OFF	2008/04/03 09:32
S105	645	(415/177).CQLS.	USPAT; USOOR	OR	OFF	2008/04/03 09:32
S106	1121	(415/143).CQLS.	USPAT; USOOR	OR	OFF	2008/04/03 09:32
S107	746	(417/423.14).CQLS.	USPAT; USOOR	OR	OFF	2008/04/03 09:32

S108	146	(417/423.4).OCL.S.	USPAT; USOCR	OR	OFF	2008/04/03 09:33
S109	474	(415/176).OCL.S.	USPAT; USOCR	OR	OFF	2008/04/03 09:33
S110	890	(415/178).OCL.S.	USPAT; USOCR	OR	OFF	2008/04/03 09:33
S111	834	(415/90).OCL.S.	USPAT; USOCR	OR	OFF	2008/04/03 09:33

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